CIEMAT welcomes all the participants in this Workshop

SM@LHC

Standard Model at LHC

Madrid (Spain), 8-11 April 2014

Image: Gran Vía from the CBA terrace, by Felipe Gabaldón

CIEMAT

Centro de Investigaciones Energéticas, MedioAmbientales y Tecnológicas

(Research Center for Energy, Environment and Technology)

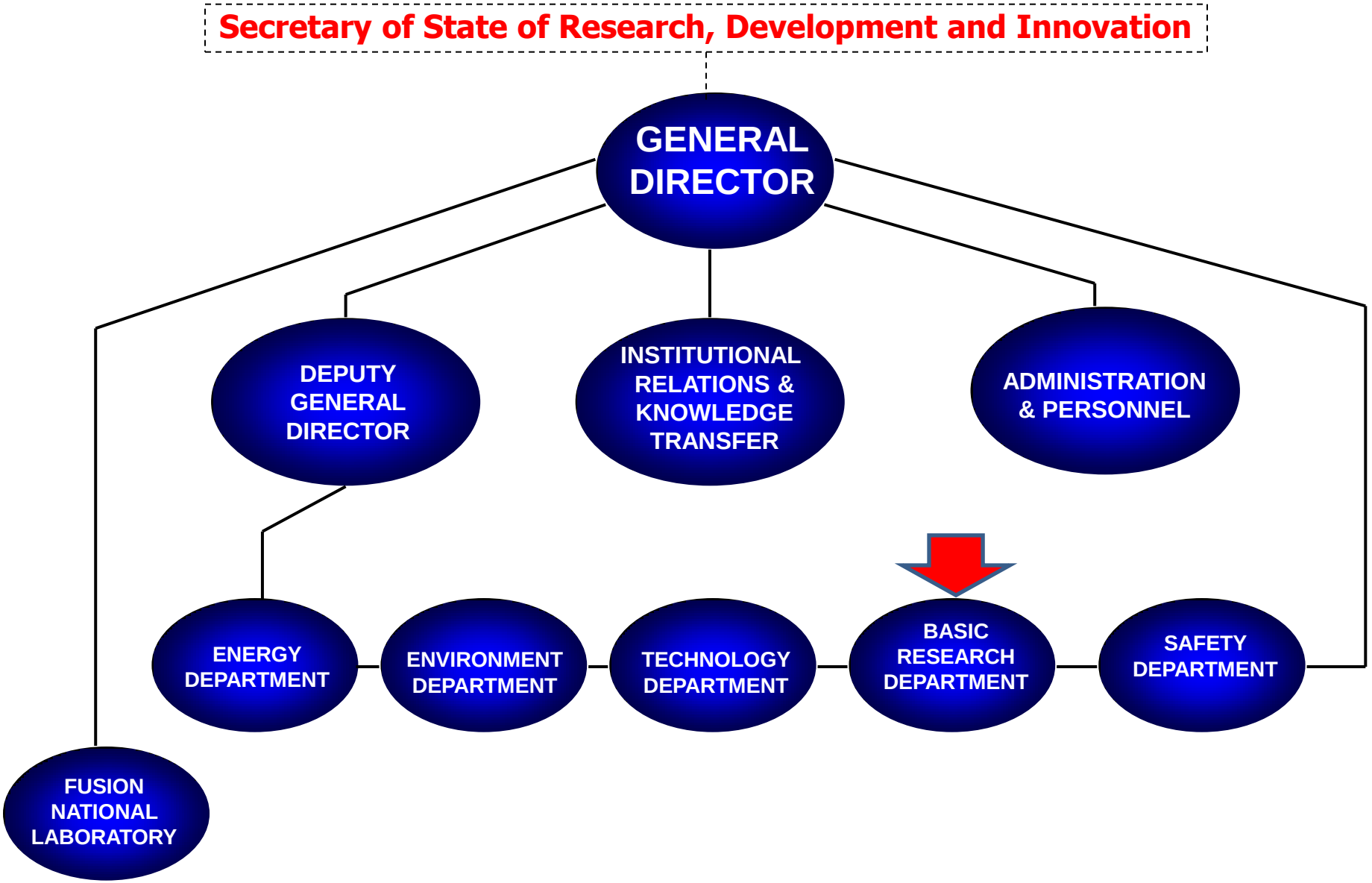
Human Resources: 1.385 people

Budget (2012): 105 M€

Income due to R&D activities (2012): 38 M€

(OPI) Public Research Institution: Ministry of Economy and Competitiveness

CIEMAT Organization



Regional centers

Centro Extremeño de Tecnologías Avanzadas
“Juan Antonio Rubio” (CETA-CIEMAT)

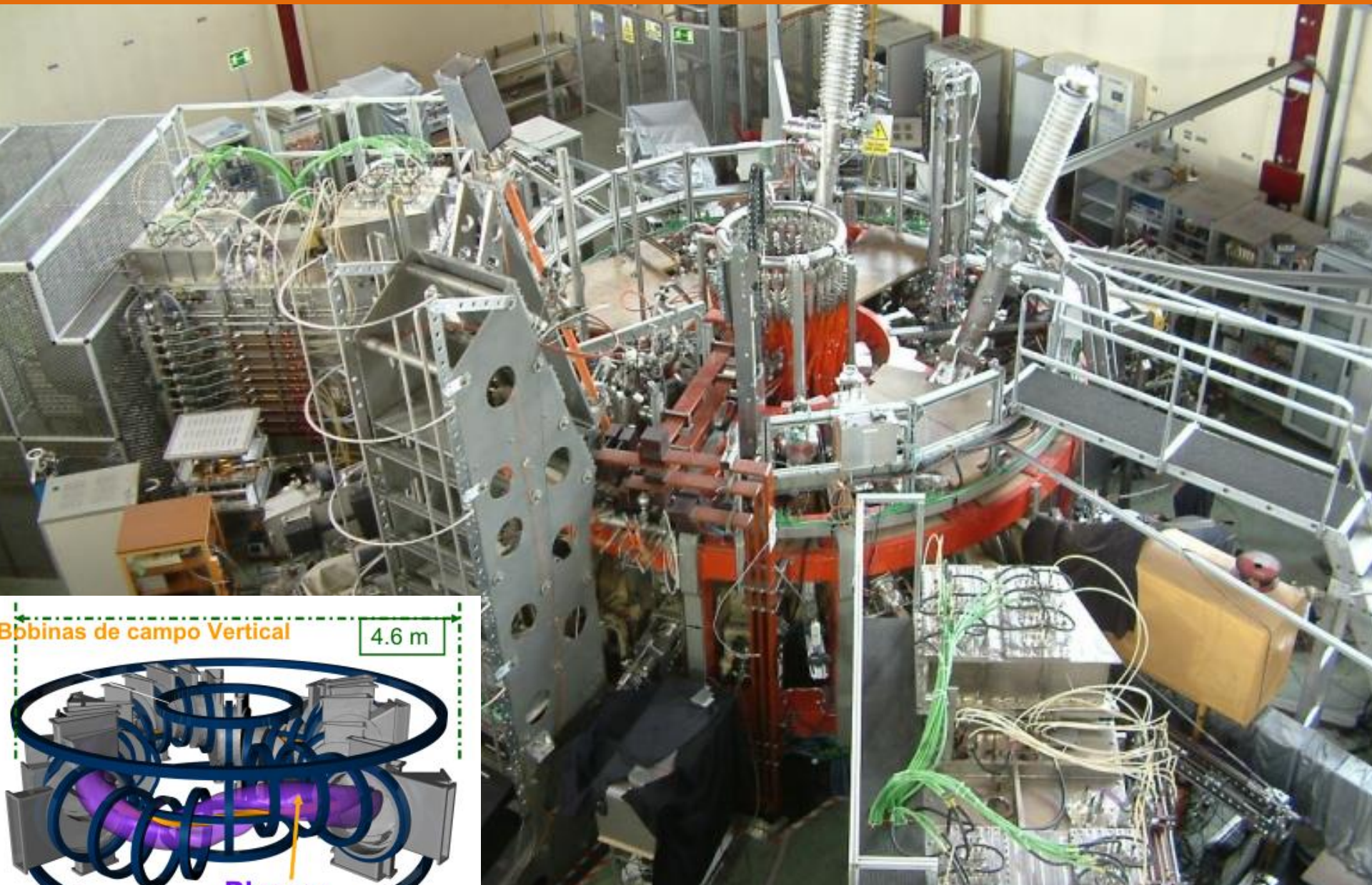
Centro de Desarrollo
De Energías Renovables (CEDER)

CIEMAT
(Moncloa – Madrid)

Plataforma Solar de Almería (PSA)

PSA (Almería Solar Platform)

Stellarator TJ-II



EXPERIMENTAL HIGH ENERGY PARTICLES DIVISION

Participation in the CMS Experiment at the LHC

LHC Accelerator at CERN

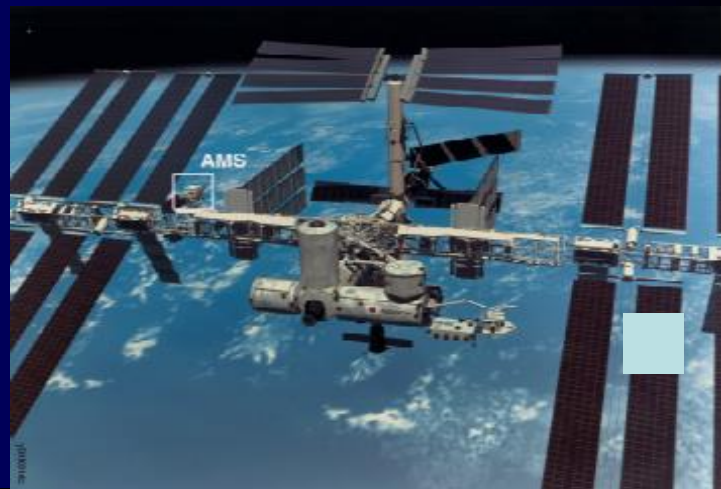
Participation in other Experimental Projects:

CDF (in Fermilab, EEUU), **FAST** (PSI, Suiza), **Double Chooz** (Francia), **ArDM** (Canfranc), **CALICE** (R&D in calorimetry), …

ASTROPARTICLE PHYSICS DIVISION

(Alpha Magnetic Spectrometer, AMS)

Dark Matter indirect detection

Antimatter detection

Participation in other Experimental Projects: DES, PAU, MAGIC, CTA …